

## SECTION B.

### FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTERS, BY AGENCY AND TYPE OF ADMINISTRATION

The following is the master list of federally funded research and development centers (FFRDCs) included in the Federal funds survey for fiscal years 1999–2001. The list is arranged by sponsoring agency and administering organization. Respondents reported under the FFRDC category those funds obligated to centers identified on this list.

**Federally funded research and development centers, by agency and type of administration**

<b>Sponsoring agency</b>	<b>Administered by universities and colleges<sup>1</sup></b>	<b>Administered by other nonprofit institutions<sup>2</sup></b>	<b>Administered by industrial firms</b>
DEPARTMENT OF DEFENSE: Office of the Secretary of Defense <sup>3,4</sup>	Software Engineering Institute <sup>3</sup> (Carnegie Mellon University), Pittsburgh, PA	Institute for Defense Analyses Studies and Analyses FFRDC (Institute for Defense Analyses), Alexandria, VA  National Defense Research Institute (RAND Corporation <sup>5</sup> ), Santa Monica, CA  C3I Federally Funded Research and Development Center (MITRE Corporation <sup>6</sup> ), Bedford, MA, and McLean, VA	
National Security Agency		Institute for Defense Analyses Communications and Computing Federally Funded Research and Development Center <sup>7</sup> (Institute for Defense Analyses), Alexandria, VA	
Department of the Navy		Center for Naval Analyses (The CNA Corporation), Alexandria, VA	
Department of the Air Force	Lincoln Laboratory (Massachusetts Institute of Technology), Lexington, MA	Aerospace Federally Funded Research and Development Center (The Aerospace Corporation), El Segundo, CA  Project Air Force (RAND Corporation <sup>5</sup> ), Santa Monica, CA	
Department of the Army <sup>8</sup>		Arroyo Center (RAND Corporation <sup>5</sup> ), Santa Monica, CA	
DEPARTMENT OF ENERGY <sup>9</sup>	Ames Laboratory (Iowa State University of Science and Technology), Ames, IA  Argonne National Laboratory (University of Chicago), Argonne, IL  Ernest Orlando Lawrence Berkeley National Laboratory (University of California), Berkeley, CA	Brookhaven National Laboratory <sup>10</sup> (Brookhaven Science Associates, Inc.), Upton, Long Island, NY  National Renewable Energy Laboratory <sup>11</sup> (Midwest Research Institute), Golden, CO  Pacific Northwest National Laboratory (Battelle Memorial Institute), Richland, WA	Idaho National Engineering and Environmental Laboratory (Bechtel BWX Technologies Idaho, LLC), Idaho Falls, ID  Oak Ridge National Laboratory (Lockheed Martin Energy Research Corporation), Oak Ridge, TN  Sandia National Laboratories (Sandia Corporation, a subsidiary of Lockheed Martin Corporation), Albuquerque, NM  Savannah River Technology Center (Westinghouse Savannah River Co.), Aiken, SC

See explanatory information, if any, and SOURCE at end of table.

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<b>Sponsoring agency</b>	<b>Administered by universities and colleges<sup>1</sup></b>	<b>Administered by other nonprofit institutions<sup>2</sup></b>	<b>Administered by industrial firms</b>
DEPARTMENT OF ENERGY, continued	<p>Fermi National Accelerator Laboratory (Universities Research Association, Inc.), Batavia, IL</p> <p>Lawrence Livermore National Laboratory (University of California), Livermore, CA</p> <p>Los Alamos National Laboratory (University of California), Los Alamos, NM</p> <p>Princeton Plasma Physics Laboratory (Princeton University), Princeton, NJ</p> <p>Stanford Linear Accelerator Center (Leland Stanford Junior University), Stanford, CA</p> <p>Thomas Jefferson National Accelerator Facility<sup>12</sup> (Southeastern Universities Research Association, Inc.), Newport News, VA</p>		
DEPARTMENT OF HEALTH AND HUMAN SERVICES: National Institutes of Health			NCI Frederick Cancer Research and Development Center (Science Applications International Corporation; Charles River Laboratories, Inc.; Data Management Services, Inc.), Frederick, MD
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	Jet Propulsion Laboratory (California Institute of Technology), Pasadena, CA		
NATIONAL SCIENCE FOUNDATION	<p>National Astronomy and Ionosphere Center (Cornell University), Arecibo, PR</p> <p>National Center for Atmospheric Research (University Corporation for Atmospheric Research), Boulder, CO</p> <p>National Optical Astronomy Observatories<sup>13</sup> (Association of Universities for Research in Astronomy, Inc.), Tucson, AZ</p> <p>National Radio Astronomy Observatory (Associated Universities, Inc.), Green Bank, WV</p>	The Science and Technology Policy Institute <sup>14</sup> (RAND Corporation <sup>5</sup> ), Washington, DC	

See explanatory information, if any, and SOURCE at end of table.

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<b>Sponsoring agency</b>	<b>Administered by universities and colleges<sup>1</sup></b>	<b>Administered by other nonprofit institutions<sup>2</sup></b>	<b>Administered by industrial firms</b>
NUCLEAR REGULATORY COMMISSION		Center for Nuclear Waste Regulatory Analyses (Southwest Research Institute), San Antonio, TX	
DEPARTMENT OF TRANSPORTATION: Federal Aviation Administration		Center for Advanced Aviation System Development (MITRE Corporation <sup>6</sup> ), McLean, VA	
DEPARTMENT OF THE TREASURY: <sup>15</sup>  Internal Revenue Service		Internal Revenue Service (IRS) Federally Funded Research and Development Center (MITRE Corporation <sup>6</sup> ), McLean, VA	

<sup>1</sup> Includes university consortia

<sup>2</sup> That is, other than universities and colleges

<sup>3</sup> In June 1997, the Office of the Secretary of Defense, became the sponsor of the Software Engineering Institute. The previous sponsor was Defense Advanced Research Projects Agency.

<sup>4</sup> The Department of Defense decertified Logistics Management Institute of McLean, VA as an FFRDC, effective September 24, 1998.

<sup>5</sup> The following portions of the Rand Corporation are FFRDCs: National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), the Arroyo Center, and the Science and Technology Policy Institute (formerly Critical Technologies Institute). All other agency support to RAND is reported under "other nonprofit institutions excluding FFRDCs."

<sup>6</sup> Only the C3I Federally Funded Research and Development Center (FFRDC), the Center for Advanced Aviation System Development, and the Internal Revenue Service (IRS) Federally Funded Research and Development Center (FFRDC) parts of the MITRE Corporation are FFRDCs. All other agency support to MITRE is reported under "other nonprofit institutions excluding FFRDCs."

<sup>7</sup> Although the Institute for Defense Analyses Communications and Computing FFRDC has been in existence since 1956, the Department of Defense added it to the Master Government List of FFRDCs for the first time in October 1995.

<sup>8</sup> The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993.

<sup>9</sup> The Department of Energy decertified Bettis Atomic Power Laboratory, Hanford Engineering Development Laboratory, and Knolls Atomic Power Laboratory as FFRDCs in October/November 1992. The Department of Energy removed from the Master Government List of FFRDCs (1) the Energy Technology Engineering Center in November 1995 and (2) the Inhalation Toxicology Research Institute in May 1996. (3) the Oak Ridge Institute for Science Education (ORISE) in February 1999.

<sup>10</sup> On March 1, 1998, Brookhaven National Laboratory acquired a new nonprofit administrator (Brookhaven Science Associates, Inc.). The previous administrator was a university consortium.

<sup>11</sup> In September 1991 the name was changed from Solar Energy Research Institute.

<sup>12</sup> In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

<sup>13</sup> Since February 1984 this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

<sup>14</sup> On October 1, 1998, the Critical Technologies Institute was renamed the Science and Technology Policy Institute.

<sup>15</sup> In October 1988, the Tax Systems Modernization Institute of Lanham, MD (IIT Research Institute) was replaced with the Internal Revenue Service (IRS) Federally Funded Research and Development Center (FFRDC), administered by the MITRE Corporation of McLean, VA.

**SOURCE:** National Science Foundation/Division of Science Resources Studies

Updates of this list and an annotated list of FFRDCs are available at <http://www.nsf.gov/sbe/srs/ffrdc/start.htm>.